

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A high-pressure discharge lamp comprising:
- [[-]] an inner vessel with a discharge chamber, and
 - [[-]] with at least two electrodes extending into the discharge chamber, ~~and possibly an outer bulb surrounding the inner vessel,~~
 - ~~characterized in that wherein the~~ discharge chamber contains an ionizable filling comprising:
 - [[-]] at least one rare gas,
 - [[-]] 0 mg to 10 mg of mercury, and
 - [[-]] a metal halide mixture comprising:
 - [[*]] 40 to 80% by weight of sodium halide,
 - [[*]] 25 to 55% by weight of scandium halide,

[[*]] 1 to 15% by weight of indium halide, and

[[*]] 0 to 34% by weight of thallium halide.

2. (Currently Amended) ~~A~~ The high-pressure discharge lamp as claimed in claim 1, ~~characterized in that the~~ wherein a color point of the light emitted by the high-pressure discharge lamp in the a CIE 1931 diagram has an X-color coordinate in a range from 0.345 to 0.375, preferably from 0.350 to 0.370, more preferably from 0.355 to 0.360, and a Y-color coordinate in a range from 0.350 to 0.375, preferably from 0.355 to 0.370, more preferably from 0.360 to 0.365.

3. (Currently Amended) ~~A~~ The high-pressure discharge lamp as claimed in claim 1, ~~characterized in that further comprising an~~ outer bulb surrounding the inner vessel, the outer bulb comprises neodymium, preferably comprising neodymium oxide, the neodymium oxide content being preferably substantially 2 to 20% by weight with respect to the total weight of the outer bulb.

4. (Currently Amended) ~~A~~ The high-pressure discharge lamp as

claimed in claim 1, ~~characterized in that the wherein a color~~
~~temperature of the light emitted by the high-pressure discharge~~
~~lamp lies in a range from 4300 K to 5000 K, preferably from 4500 K~~
~~to 4900 K, more preferably from 4700 K to 4800 K.~~

5. (Currently Amended) A ~~The~~ high-pressure discharge lamp as
claimed in claim 1, ~~characterized in that the wherein luminous~~
~~efficacy of the light emitted by the high-pressure discharge lamp~~
~~is at least 70 lm/W, preferably ≥ 75 lm/W, more preferably ≥ 85~~
~~lm/W, even more preferably ≥ 95 lm/W.~~

6. (Currently Amended) A ~~The~~ high-pressure discharge lamp as
claimed in claim 1, ~~characterized in that the wherein a color point~~
~~change with respect to the an X-color coordinate and the a Y-color~~
~~coordinate in a CIE 1931 diagram amounts to $\leq 6\%$, preferably $\leq 5\%$,~~
~~preferably $\leq 4\%$, more preferably $\leq 3\%$, particularly preferably \leq~~
 ~~2% , and most preferably $\leq 1\%$ over a period of operation of the~~
~~high-pressure discharge lamp of 1500 hours.~~

7. (Currently Amended) A ~~The~~ high-pressure discharge lamp as

claimed in claim 1, ~~characterized in that wherein the at least one~~
~~rare gas included xenon, and the ionizable filling further~~
comprises:

~~[[-]] at least one rare gas, preferably xenon,~~
~~[[-]] 50 to 70% by weight of sodium iodide,~~
~~[[-]] 30 to 50% by weight of scandium iodide,~~
~~[[-]] 1 to 15% by weight of indium iodide, and~~
~~[[-]] 0 to 10 mg mercury.~~

8. (Currently Amended) The high-pressure discharge lamp as
claimed in claim 1, ~~characterized in that wherein the at least one~~
~~rare gas included xenon, and the ionizable filling comprises:~~

~~[[-]] at least one rare gas, preferably xenon,~~
~~[[-]] 50 to 60% by weight of sodium iodide,~~
~~[[-]] 35 to 45% by weight of scandium iodide,~~
~~[[-]] 1 to 15% by weight of indium iodide, and~~
~~[[-]] 0 to 10 mg mercury.~~

9. (Currently Amended) An ionizable filling for a discharge
lamps, ~~characterized in that said the ionizable filling comprises~~

comprising:

[[~]] at least one rare gas,
[[~]] 0 mg to 10 mg of mercury, and
[[~]] a metal halide mixture comprising:
[[*]] 40 to 80% by weight of sodium halide,
[[*]] 25 to 55% by weight of scandium halide,
[[*]] 1 to 15% by weight of indium halide, and
[[*]] 0 to 34% by weight of thallium halide.

10. (Currently Amended) A lighting unit, ~~in particular a motor vehicle headlight,~~ comprising ~~a~~ the high-pressure discharge lamp as claimed in claim 1.

11. (New) The high-pressure discharge lamp of claim 1, wherein a color point of light emitted by the high-pressure discharge lamp in a CIE 1931 diagram has an X-color coordinate in a range from 0.350 to 0.370, and a Y-color coordinate in a range from 0.355 to 0.370.

12. (New) The high-pressure discharge lamp of claim 1, wherein

a color point of light emitted by the high-pressure discharge lamp in a CIE 1931 diagram has an X-color coordinate in a range from 0.355 to 0.360, and a Y-color coordinate in a range from 0.350 to 0.375.

13.(New) The high-pressure discharge lamp of claim 1, wherein a color temperature of light emitted by the high-pressure discharge lamp lies in a range from 4700 K to 4800 K.

14.(New) The high-pressure discharge lamp of claim 1, wherein luminous efficacy of light emitted by the high-pressure discharge lamp is at least ≥ 75 lm/W.

15.(New) The high-pressure discharge lamp of claim 1, wherein a color point change with respect to an X-color coordinate and a Y-color coordinate in a CIE 1931 diagram amounts to $\leq 5\%$ over a period of operation of the high-pressure discharge lamp of 1500 hours.